

4 December 2015

Mr Matt Daniel  
Statewide Planning Pty Limited  
Level 2, 7 Charles Street  
Parramatta NSW 2051

Sent via email: [m.daniel@statewideplanning.com.au](mailto:m.daniel@statewideplanning.com.au)

**Attention** Mr Matt Daniel

**Subject:** Clarification of land areas and purpose of containment cells for gateway determination – 181 James Ruse Drive, Camellia

### *Land Area Clarifications*

In response to the Gateway Determination for the above site, please refer to the following map of the subject site, **Attachment A**, and the following areas in the legend:

#### **1. Land with remediation consent**

The land to be remediated as per DA/750/2103 is bounded in yellow, which is *included in* DA/750/2013 *and in* the RAP (Rev C).

This entire main site will be remediated and validated. The Site Auditor will issue a Site Audit Statement concluding that the remediation has made the land suitable for the development.

#### **2. Land yet to receive remediation consent**

- a) The Foreshore Area owned by the applicant – Shaded in orange

This land (shaded orange and owned by the applicant) will be remediated in a future development application and has been *excluded from* DA/750/2013, *but included in* the RAP (Rev C) (Remediation Action Plan, September 2013, URS Australia).

This area will be incorporated into the DA/750/2013 via a future section 96 modification application. Once this is done, the approach to remediate will follow the approved RAP (Rev C).

In the RAP (Rev C), this area forms part of the main site and will be subject to the same remedial methods (i.e. asbestos waste removed and interned within containment cells).

- b) The Foreshore Area owned by Roads and Maritime Services (RMS) – Shaded in blue

This land is owned by the NSW RMS and will be remediated pursuant to the Foreshore Remedial Action Plan (Revision A) by Sullivan Environmental Sciences (currently being prepared) and to be endorsed by the Site Auditor, followed by landowners consent provided by RMS. The process to obtain land owners consent has already begun with RMS and the Site Auditor.



It is envisaged that the remedial method will likely disturb the mangroves, and the asbestos contaminated soil will be placed in the containment cells on the main site.

- c) The access road (shaded in yellow) and J-shaped Sydney Water easement (shaded in light blue)

These areas contain major service utilities including an oil & gas pipeline (Caltex), water and sewer mains (Sydney Water). These areas will be further investigated and if needed, remedial methods to the extent practicable will be conducted as part of the main site works. Both these areas will form part of the major roadway network for the new development.

It is envisaged that the areas could be remediated by capping as part of the new roadway construction, therefore no disturbance of asbestos waste or ASS will occur.

In the interim, the land will remain subject to the Public Positive Covenant under a capping layer and regulated by the NSW EPA.

#### *Purpose of Containment Cells*

Exposure to asbestos waste is typically controlled by physical barrier techniques that are designed to mitigate human exposure and prevent the dispersion of asbestos fibres. This can be achieved either by offsite removal to a landfill facility, or by capping and containing the asbestos-waste onsite within a purpose-built containment cell.

Selection of the purpose-built containment cells as the preferred remedial approach for the Camellia site was to ensure that no residents or workers on the site would be exposed to the asbestos waste. The cells will be constructed of concrete walls and capped by a specific design of impermeable clays, warning layers and road base materials. The top capping will be made off bitumen roadway. One important point to containing the material on the Camellia site is that it minimises the risk to the broader community by removing the need to transport the asbestos waste offsite.

The containment cells will be engineered as part of the future site development and located beneath dedicated roadways and thereby inaccessible in the foreseeable future.

The integrity of the containment cells will be managed under a long term Environmental Management Plan that is to be endorsed by the Site Auditor under a Site Audit Statement and notated on the land titles affected.

I trust the above information provides some clarity to your queries. Please call (0400 500 264) or email ([adam@sullivan-es.com.au](mailto:adam@sullivan-es.com.au)) if you wish to discuss these matters further.

Yours Sincerely

**Sullivan Environmental Sciences Pty Ltd**

A handwritten signature in black ink, appearing to read "Adam Sullivan", is written over a light blue rectangular background.

**Adam Sullivan**  
Principal Scientist  
BSc, PG Cert Env Law



